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Cox, J.F., Zavala, A., Saravia, F., Rivas, C., Gallardo, P. and Alfaro, V., Differences in sperm migration through cervical mucus in vitro relates to sperm colonization of the oviduct and fertilizing ability in goats, (58) (2002) 9
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Daniel Givens, M., Riddell, K.P., Galik, P.K., Stringfellow, D.A., Brock, K.V. and Loskutoff, N.M., Diagnostic dilemma encountered when detecting bovine viral diarrhea virus in IVF embryo production, (58) (2002) 1399
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De Rensis, F., Marconi, P., Capelli, T., Gatti, F., Facciolongo, F., Franzini, S. and Scaramuzzi, R.J., Fertility in postpartum dairy cows in winter or summer following estrus synchronization and fixed time AI after the induction of an LH surge with GnRH or hCG, (58) (2002) 1675
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Fahey, J., Mee, J.F., Murphy, J.J. and O'Callaghan, D., Effects of calcium salts of fatty acids and calcium salt of methionine hydroxy analogue on plasma prostaglandin $F_{2\alpha}$ metabolite and milk fatty acid profiles in late lactation Holstein–Friesian cows, (58) (2002) 1471
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Fowden, A.L., Ousey, J.C., Forhead, A.J., Rossdale, P.D., Grainger, L. and Houghton, E., Uteroplacental production of 5α-pregnane-3,20-dione (5αDHP) in pregnant mares, (58) (2002) 821
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Galli, C., Crotti, G., Turini, P., Duchi, R., Mari, G., Zavaglia, G., Duchamp, G., Daels, P. and Lazzari, G., Frozen–thawed embryos produced by Ovum Pick Up of immature oocytes and ICSI are capable to establish pregnancies in the horse, (58) (2002) 705
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Gorman, S.P., Levy, J.K., Hampton, A.L., Collante, W.R., Harris, A.L. and Brown, R.G., Evaluation of a porcine zona pellucida vaccine for the immunocontraception of domestic kittens (*Felis catus*), (58) (2002) 135
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Handler, J., Gomes, T., Waelchli, R.O., Betteridge, K.J. and Raeside, J.I., Influence of cervical dilatation on pregnancy rates and embryonic development in inseminated mares, (58) (2002) 671
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Hasler, J.F., Cardey, E., Stokes, J.E. and Bredbacka, P., Nonelectrophoretic PCR-sexing of bovine embryos in a commercial environment, (58) (2002) 1457
Hawkins, D., *see* Hendry, J.M., (58) (2002) 853
Heath, A.M., Pugh, D.G., Sartin, E.A., Navarre, B. and Purohit, R.C., Evaluation of the safety and efficacy of testicular biopsies in llamas, (58) (2002) 1125
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Heidler, B., Sauerwein, H., Heintges, U., Aurich, J., Pohl, W. and Aurich, C., Metabolic profiles and plasma leptin concentrations in lactating and non-lactating mares, (58) (2002) 557
Heintges, U., *see* Heidler, B., (58) (2002) 557
Hendry, J.M., Lester, G.D., Hansen, P.J., O'Donnell, L.J., Sheerin, B.R., Pablo, L., Hawkins, D., Murphy, D. and LeBlanc, M.M., Patterns of uterine myoelectrical activity in reproductively normal mares in late gestation and in mares with experimentally induced ascending placentitis, (58) (2002) 853
Heninger, N., Staub, C., Blanchard, T., Varner, D., Love, C., Forrest, D. and Johnson, L., Apoptosis as a mechanism of germ cell loss in mature stallions, (58) (2002) 373
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Herbert, S., *see* Ng, S.C., (58) (2002) 1385
Herrick, J.R. and Pope, W.F., Exposure to androgens during in vitro maturation does not affect the developmental potential of porcine oocytes, (58) (2002) 1131
Hess, M.F., Pommer, A.C., Dean, K.J. and Roser, J.F., Utilization of immunocytochemical (ICC) and cell culture methods to localize cytochrome P450 aromatase in the testis of prepubertal, pubertal and postpubertal horses, (58) (2002) 409
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Hultén, F., Valros, A., Rundgren, M. and Einarsson, S., Reproductive endocrinology and postweaning performance in the multiparous sow. Part 1. Influence of metabolic status during lactation, (58) (2002) 1503
Hultén, F., Valros, A., Rundgren, M. and Einarsson, S., Reproductive endocrinology and postweaning performance in the multiparous sow. Part 2. Influence of nursing behavior, (58) (2002) 1519
Humblot, P., *see* Lafri, M., (58) (2002) 1141
Huo, L.-J., Ma, X.-H. and Yang, Z.-M., Assessment of sperm viability, mitochondrial activity, capacitation and acrosome intactness in extended boar semen during long-term storage, (58) (2002) 1349
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Hylan, D., Klumpp, A.M., Sansinena, M., LaCaze, R.J., Paccamonti, D., Denniston, R.S. and Godke, R.A., Oocyte production from naive- and chronically-aspirated mares, (58) (2002) 739
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James, A.N., Green, H., Hoffman, S., Landry, A.M., Paccamonti, D. and Godke, R.A., Preservation of equine sperm stored in the epididymis at 4 °C for 24, 48, 72 and 96 hours, (58) (2002) 401
Jasko, D.J., Comparison of pregnancy rates following nonsurgical transfer of day 8 equine embryos using various transfer devices, (58) (2002) 713
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Johnson, C.A., McMeen, S.L. and Thompson Jr., D.L., Effects of multiple GnRH analogue (deslorelin acetate) implants on cyclic mares, (58) (2002) 469
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Jude, R., Giese, A., Piumi, F., Guérin, G., Sieme, H., Töpfer-Petersen, E., Distl, O. and Leeb, T., Molecular characterization of the *CRISP1* gene—a candidate gene for stallion fertility, (58) (2002) 417

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Katila, T., Andersson, M., Reilas, T. and Koskinen, E., Post-thaw motility and viability of fractionated and frozen stallion ejaculates, (58) (2002) 241
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Katila, T., *see* Taponen, J., (58) (2002) 1291
Kątska, L., Bochenek, M., Kania, G., Ryńska, B. and Smorąg, Z., Flow cytometric cell cycle analysis of somatic cells primary cultures established for bovine cloning, (58) (2002) 1733

Kątska, L., *see* Skrzyszowska, M., (58) (2002) 1615
Kawahara, M., Mori, T., Tanaka, H. and Shimizu, H., The suppression of fragmentation by stabilization of actin filament in porcine enucleated oocytes, (58) (2002) 1081
Kawai, Y., *see* Zhao, X.-M., (58) (2002) 995
Kayser, J.P., Chenoweth, P.J., Davis, D.L., Grieger, D.M., Samper, J.C. and Arns, M.J., The effects of uterine cell-spermatozoa co-culture on the interactions between de-novo secreted and synthesized uterine proteins and stallion spermatozoa, (58) (2002) 363
Kelleman, A.A., Luznar, S.L., Lester, G.D., Paccamonti, D.L. and LeBlanc, M.M., Evaluation of transrectal ultrasonographic combined thickness of the uterus and placenta (CTUP) in a model of induced ascending placentitis in late gestation in the pony mare, (58) (2002) 845
Keller, A., *see* Vieira, M.J., (58) (2002) 667
Kennedy, S.P., Spitzer, J.C., Hopkins, F.M., Higdon III, H.L. and Bridges Jr., W.C., Breeding soundness evaluations of 3648 yearling beef bulls using the 1993 Society for Theriogenology guidelines, (58) (2002) 947
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King, S.S., Jones, K.L., Roser, J.F., Nequin, L.G., Murphy, L.L. and Campbell, A.G., Evidence for a local dopamine-driven ovarian regulatory system in the mare, (58) (2002) 619
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Koskinen, E., Karlsson, M., Reilas, T., Sankari, S., Esala, A.-L. and Katila, T., Catalase activity and total protein in fractionated stallion seminal plasma, (58) (2002) 337
Koskinen, E., *see* Katila, T., (58) (2002) 241
Koskinen, E., *see* Lindeberg, H., (58) (2002) 571
Kozink, D.M., Estienne, M.J., Harper, A.F. and Knight, J.W., The effect of lutalyse on the training of sexually inexperienced boars for semen collection, (58) (2002) 1039
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Lafri, M., Ponsart, C., Nibart, M., Durand, M., Morel, A., Jeanguyot, N., Badinand, F., De Mari, K. and Humblot, P., Influence of CIDR treatment during superovulation on embryo production and hormonal patterns in cattle, (58) (2002) 1141
Lamara, A., Fieni, F., Mselli-Lakhal, L., Chatagnon, G., Bruyas, J.F., Tainturier, D., Battut, I., Fornazero, C. and Chebloune, Y., Early embryonic cells from in vivo-produced goat embryos transmit the caprine arthritis–encephalitis virus (CAEV), (58) (2002) 1153
Landete-Castillejos, T., *see* García, A.J., (58) (2002) 1553
Landim-Alvarenga, F.C., Rubin, M.I.B., Maclellan, L.J. and Squires, E.L., Ultrastructural analysis of in vitro matured equine oocytes cultured in different systems, (58) (2002) 729
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Laughlin, A.M., Forrest, D.W., Varner, D.D., Blanchard, T.L., Love, C.C., Welsh Jr., T.H., Johnson, L. and Ing, N.H., DNA microarray analysis of gene expression in testicular tissue of stallions, (58) (2002) 413
Lazzari, G., Crotti, G., Turini, P., Duchi, R., Mari, G., Zavaglia, G., Barbacini, S. and Galli, C., Equine embryos at the compacted morula and blastocyst stage can be obtained by intracytoplasmic sperm injection (ICSI) of in vitro matured oocytes with frozen–thawed spermatozoa from semen of different fertilities, (58) (2002) 709
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LeBlanc, M.M., Giguere, S., Brauer, K., Paccamonti, D.L., Horohov, D.W., Lester, G.D., O' Donnell, L.J., Sheerin, B.R., Pablo, L. and Rodgerson, D.H., Premature delivery in ascending placentitis is associated with increased expression of placental cytokines and allantoic fluid prostaglandins E_2 and $F_{2\alpha}$, (58) (2002) 841
LeBlanc, M.M., *see* Calderwood Mays, M.B., (58) (2002) 791
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Legrand, E., Bencharif, D., Barrier-Battut, I., Delajarraud, H., Cornière, P., Fiéni, F., Tainturier, D. and Bruyas, J.-F., Comparison of pregnancy rates for days 7–8 equine embryos frozen in glycerol with or without previous enzymatic treatment of their capsule, (58) (2002) 721
Legrand, E., *see* Barrier-Battut, I., (58) (2002) 229
Lemazurier, E. and Séralini, G.-E., Evidence for sulfatase and 17β-hydroxysteroid dehydrogenase type 1 activities in equine epididymis and uterus, (58) (2002) 113
Leme, D.P., Papa, F.O. and Trinca, L.A., Assessment of seasonal influence on equine spermatogenic cells and Sertoli cells by testicular fine needle aspiration cytology, (58) (2002) 269
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Li, X. and Allen, W.R., Influence of donor cell age on nuclear reprogramming and first embryonic division in horse oocytes reconstructed with the nuclei of foetal and adult cells, (58) (2002) 767
Li, X., Su, L., Li, Y., Ji, W. and Dinnyés, A., Vitrification of Yunnan Yellow Cattle oocytes: work in progress, (58) (2002) 1253
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Limone, L.E., Shaughnessy, D.W., Gómez-Ibáñez, S., McDonnell, S.M. and Bedford, S.J., The effect of artificial vagina lubricants on stallion sperm motion measures and semen pH during cooled storage, (58) (2002) 333
Lindeberg, H., Koskinen, E., Huhtinen, M., Reilas, T., Perttula, H. and Katila, T., Influence of PG administration and follicle status on the number of conceptuses, (58) (2002) 571
Lindsey, A.C., Varner, D.D., Seidel Jr., G.E., Bruemmer, J.E. and Squires, E.L., Hysteroscopic or rectally guided, deep-uterine insemination of mares with spermatozoa stored 18 h at either 5 or 15 °C prior to flow-cytometric sorting, (58) (2002) 659
Lindsey, B.R., Maclellan, L.J., Whyte, T.R., Kinder, J.E. and D'Occhio, M.J., Differential requirement for pulsatile LH during the follicular phase and exposure to the preovulatory LH surge for oocyte fertilization and embryo development in cattle, (58) (2002) 1651
Linfor, J.J., Pommer, A.C. and Meyers, S.A., Osmotic stress induces tyrosine phosphorylation of equine sperm, (58) (2002) 355
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López-Béjar, M. and López-Gatius, F., Nonequilibrium cryopreservation of rabbit embryos using a modified (sealed) open pulled straw procedure, (58) (2002) 1541
López-Béjar, M., *see* López-Gatius, F., (58) (2002) 1337
López-Béjar, M., *see* López-Gatius, F., (58) (2002) 1623
López-Gatius, F. and López-Béjar, M., Reproductive performance of dairy cows with ovarian cysts after different GnRH and cloprostenol treatments, (58) (2002) 1337
López-Gatius, F., Santolaria, P., Yániz, J., Fenech, M. and López-Béjar, M., Risk factors for postpartum ovarian cysts and their spontaneous

recovery or persistence in lactating dairy cows, (58) (2002) 1623
López-Gatius, F., *see* López-Béjar, M., (58) (2002) 1541
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Love, C.C., Thompson, J.A., Brinsko, S.P., Rigby, S.L., Blanchard, T.L. and Varner, D.D., Relationship of seminal plasma level and extender type to sperm motility and DNA integrity, (58) (2002) 221
Love, L.B., *see* Hinrichs, K., (58) (2002) 675
Lucas, X., Martínez, E.A., Roca, J., Vázquez, J.M., Gil, M.A., Pastor, L.M. and Alabart, J.L., Relationship between antral follicle size, oocyte diameters and nuclear maturation of immature oocytes in pigs, (58) (2002) 871
Lucia Jr., T., *see* Corrêa, M.N., (58) (2002) 103
Ludwig, S., Blaich, U., Schoon, D., Aupperle, H., Schoon, H.-A., Bartmann, C.-P. and Klug, E., Functional pathology of the uterine blood flow in the mare—pathohistologic and Doppler sonographic investigations, (58) (2002) 511
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Lukaszewicz, E., An effective method for freezing White Italian gander semen, (58) (2002) 19
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Maclellan, L.J., Carnevale, E.M., Coutinho da Silva, M.A., McCue, P.M., Seidel Jr., G.E. and Squires, E.L., Cryopreservation of small and large equine embryos pre-treated with cytochalasin-B and/or trypsin, (58) (2002) 717
Maclellan, L.J., Carnevale, E.M., Coutinho da Silva, M.A., Scoggin, C.F., Bruemmer, J.E. and Squires, E.L., Pregnancies from vitrified equine oocytes collected from super-stimulated and non-stimulated mares, (58) (2002) 911
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Maclellan, L.J., *see* Coutinho da Silva, M.A., (58) (2002) 763
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Macpherson, M.L., Blanchard, T.L., Love, C.C., Brinsko, S.P. and Varner, D.D., Use of a silane-coated silica particle solution to enhance the quality of ejaculated semen in stallions, (58) (2002) 317
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Madill, S., Troedsson, M.H.T., Santschi, E.M. and Malone, E.D., Dose–response effect of intramuscular oxytocin treatment on myometrial contraction of reproductively normal mares during estrus, (58) (2002) 479
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Pinto, C.R.F., Paccamonti, D.L., Eilts, B.E., Short, C.R., Gentry, L., Thompson Jr., D.L. and Godke, R.A., Evidence for a nitric oxide-mediated modulation of equine granulosa cell steroidogenesis, (58) (2002) 579
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Rathi, R., Colenbrander, B., Stout, T.A.E., Bevers, M.M. and Gadella, B.M., Progesterone induces the acrosome reaction in stallion spermatozoa

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Taya, K., Tanaka, Y., Nakai, R., Tsunoda, N., Taniyama, H., Nagamine, N., Nambo, Y., Nagata, S.-i. and Watanabe, G., The equine fetal gonads as a potential source of inhibins during pregnancy, (58) (2002) 801
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Vidament, M., Daire, C., Yvon, J.M., Doligez, P., Bruneau, B., Magistrini, M. and Ecot, P., Motility and fertility of stallion semen frozen with glycerol and/or dimethyl formamide, (58) (2002) 249
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